#### A MAMMOTH STRUCTURE.

The Wonderful Accomplishment of Mechanical Science.

w the Great Building for Manufactures and Liberal Arts at the World's Fair

Was Planned—A Monster
Derrick
It is in its present stage of construcon that the mammoth building for the nufactures and liberal arts at the orld's fair is most curious and inter-ting, says Harper's Weekly. They are now at work on the big derrick, or traveler," as it is called, and the dimenons of this engine are suggestive of the endous proportions the building self will assume as it nears comple-on. The great Ends bridge at St. ouis is a remarkable structure, and would fever but a building con-ing more iron and steel than that raced in its mighty arches must be are building indeed. In the manutures building will be used 400 tons re of metal than the amount used by Ends' engineers. New Yorkers w what Brooks in bridge looks like. ith the metal to be used in the liberal ts building two such bridges could be uilt, and there would stin remain as uch as 2,400 tons unused. To be more exact, upwards of 12,000,000 pounds of steel and iron will be consumed by the constructionists in the work of putting the liberal arts hall together. The plans for this the most extensive

building ever attempted by man were prepared by Mr. George B. Post, of New York. The trusses that will sup-port the roof are the largest in the world. There will be a clear span of 386 feet from pillar to pillar. When the New Yorker stated that a span of this proport on would be used, archi-tects and builders generally laughed at the idea, and said that this was ideal construction. But the enterprise was not submitted solely to builders of houses. It was a point that was not all included in the studies of architecture. It more nearly approaches bridge en-gineering. This is true of more than one building planned for the Columbian exposition. The bridge engineers were consulted, made their calculations, looked wise, closed their eyes as if in deep ought, and then pronounced: "It can a done, but it will cost a great fortune

Mr. Post was vindicated, and the orld's fair treasurer undertook to do e rest. The contracts were let to a ittsburgh company, and now they are emonstrating the accuracy of the athematics by literally doing the work. But there was another problem (and sot a small one) to be solved before the son and steel were made ready. Given the plans and the material, how could this 6,000 tons of metal be lifted into position? There are 26 main trusses, each weighing 200 tons, and these are to form the bases for the roof spans. o lift a mass of material weighing 200 ons, and to handle it with the pre-ision and accuracy necessary for the niceties of Mr. Post's plans, require no mon enginery. And no common nginery is brought into play here. It was a month ago that the builders be-gan the work of constructing the engine carry these immense masses of metal as easily as an athlete swings a dumb-bell. It was now almost finished -a derrick 255 feet in height, and 36s feet in length. It is built with four uprights at the corners, that are jointed at sections of 40 feet by heavy cross beams, making the skeleton. For the stays are used as ropes of steel that are strung diagonally. Then there are V trusses that, being bolted and mortised to the cross beams, insure the strength of the structure.

The "traveler" rests on a foundation as stable and as solid as may be. A strip of the great floor was torn up, and piles in three rows were driven in along the line of the track which the derrick is to follow. Caps of timber 12 inches square, on which are placed 100-pound steel rails, make track. Purchase will be had in the great cranes that will be rigged on the top of the "traveler." The heaviest tackle obtainable will be used in the working of these cranes. A stationary engine will be used to move the derrick along the track.

Now that this great derrick is ready, it is expected that the building itself will grow rapidly. In this case the preparation for the work is almost as great an undertaking as the work itself.

#### MILITARY SURGERY.

What Will Be the Results of Warfare of the Puture.

Considerable discussion has been going on in the foreign journals by experts in military surgery as to the like-ly result in killed and wounded of any future European war, and, from the fact that England, France, Germany, Austria and Switzerland have now adopted rifles of small caliber, with corresponding smaller projectiles of hard metal, and that Russia's and Italy's inclinations are in the same line, surgeons are anxious to know what will be the nature of the wounds inflicted—how they will differ from those previously caused by the large, soft metal bullets, which soon expanded and broke up upon impact, carrying often into the wounds fragments of clothing, tearing the vessels, causing comminuted fracthe vessels, causing comminuted fractures of the bones, the injuries being followed by long continued suppurations, and conditions being set up that often led to death or sacrifice of limbs. The deductions made up to the present time from the results of trials with the Lebel rifle at various distances appear to be that while the proportion of deaths on the battlefield will be greatly reduced, one may confidently expect that the number of men wounded and put hors de combat in any future war between European powers will be much greater than has ever before been ex-

#### HE LOCKED IT.

The Novel Idea a Man Hit Upon to Keep His Umbrella

A prominent young club man of this city, who is noted for his faultless attire, says the Philadelphia Press, was exhibiting a costly, gold-mounted handled silk umbrella, which was ingeniously fastened with a tiny silver padlock, to a number of friends, with

"If it had not been for this locking device I would have lost this valuable umbrella long ago. Picking up the wrong umbrella on a rainy day is as nored a habit as the borrowing of your neighbor's lead pencil and returning it back to your own pocket. To test this question to my full sati faction I strolled into the lobby of well-known hotel one wet, stormy day, and, snapping the little lock through the wire spring under the folds of the umbrella, I placed it in a prominent rock among a number of others. rack among a number of others. On looking over a morning newspaper I pretended to be deeply interested in its olumns. I had hardly turned my eye when a respectably dressed gentleman picked up my umbrella and off he went. It was raining in torrents, he couldn't open it, and in a moment or two he returned, ramming it back and muttering something about a 'mistake,' took another one from the rack, and was gone for good. You may not believe me, but for one hour that umbrella came and went every five minutes, men, women and children, old and young, grave and gay. The performance was kept up until it tired me out. I took charge of it finally and sauntered off

#### THEY'RE ALL COWARDS.

Western "Bad Men" Needn't Be Feared

by Anybody with Nerve. "Don't talk to me about your bad men' and your killers," said Hal Ronse, of Texas, to a St. Louis Globe-Demo-crat man. "I have been among the very worst on the border, and, while I don't want to appear as a boaster or a fighter, I never have yet seen one of them that I was the least bit afraid of. They are nearly all cowards or assas-sins, and all a man needs to protect himself or his interests among them is a little pistol and a steady nerve. The average so-called 'killer' in Texas and throughout the west is a cur who has made his reputation by shooting poor devils in the back or taking advantage of an unarmed man. They murder a tenderfoot on the prairies as they shoot down a buffalo, and at about the same distance, too, and they delight in a barroom brawl among themselves when they know no one is going to get hurt, because one is as big a coward as the other, and each man is afraid to shoot first. The fact is, I had rather face a dozen of these western 'killers' at once than one of these quiet, determined men in the large cities of the country."

Had a Billious Feeling.

In a restaurant down at McLeansboro the other night, says the Mount Carmel (Ill.) Register, a party of young fellows were sitting and standing around the stove waiting for the mid-night Louisville & Nashville train to come in. One of the gang had been out the night before with his best girl and was exceedingly sleepy. Stretching himself in a chair he was soon in the land of Nod, the upper half of his head unhinged and thrown back, and his mouth so wide open that it re-sembled the entrance to the Patton tunnel. The boys gazed on him in silence for a few moments; then one of them slipped out to a drug store, from which he soon returned with a small pill of asafetida, which he deftly placed upon the sleeper's tongue. The warmth of the mouth dissolved the drug in a few seconds and the snorer awoke, stretching, gaping and yawning like a Cherry grove darky with a premonition of a Patoka creek chill. "Boys," said the victim, "darned if I ain't as bilious as a goat! I never in my whole life had such an all-fired mean taste in my mouth." And the shout that went up drowned the whistle of the approach-

#### BREEDING PEARLS.

Queer Customs of the Fearl Hunters of Borneo.

The pearl hunters of Borneo and adjacent islands have a peculiar super-stition. When engaged in opening shells in search of pearls they take every ninth find, whether it be large or small, and put it into a bottle, which is kept tightly corked with a dead man's kept tightly corked with a dead man's finger. The pearls thus kept are known as "seed pearls, or breeding pearls," the natives of all the islands mentioned firnly believing that they will reproduce their kind. For every pearl put into the phial two grains of rice are put in for the pearls to "feed" upon. Some whites in Borneo believe as firmly in the superstition as the natives do, and almost every hut along the coast has its "dead finger" bottle the coast has its "dead finger" bottle the coast has its "dead finger" bottle with from nine to fifty "seed pearls" and twice that number of rice grains carefully and evenly stowed away among them. Prof. Kinnerly says that nearly all the burial places along the coast have been descrated by "pearl breeders" in search of corks for their bottles. bottles.

Too Polite. A college graduate, hard up in Louis ville, was compelled to accept a position as driver on a street railway. His natural politeness did not desert him. Whenever a lady on the street lifted a hand to summon him to halt for her, he gracefully lifted his hat. One day a lady waiting on a corner, and desiring to ride, chanced to have her handkerchief in her hand, and waved it at him, He not only lifted his hat, but dropped the reins a moment until with his disengaged hand he threw a kiss to her. He imagined she was flirting with him.

#### LOUD-VOICED.

The Lung-Power Developed by People in Certain Sc

Life in the country, says Dr. J. Harvie Dew in the Century, especially in our southern country, where people lived far apart and were employed oftentimes at a considerable distance from one another, and from the house or homes in which they are and slept, tended, by exercise in communicating with one another, to strengthen and improve their voices for high and pro-longed notes. A wider range to the vo-cal sounds was constantly afforded and

frequently required. The voices of women as well as of men were often utilized for "long-dismen were often utilized for long-dis-tance calls." It may be amusing to note the difference in intonation which was usually exhibited by the sexes. When a man had occasion to sum-mon anyone from a distance, the prolonged tone was placed on the first note, the emphasis on the second, thus: prolonged tone and the emphasis were both placed on the last note, thus:

"You, John-n—y!"
Hollowing, screaming, yelling for one person or another, to their dogs, or at me of the cattle on the plantation. with the accompanying reverberations from hilltops, over valleys and plains, were familiar sounds throughout the farming districts of the south in the days gone by. It used to be said of my father's old negro foreman that he could be distinctly understood for a mile or more away.

Hunting, which was enjoyed and indulged in more or less by nearly every citizen of the south, was also conducive to this characteristic development.

#### A DOCTOR'S FEE.

How a Physician Proposed an Exchange of Services.

To the lover of dumb animals it seems rather extraordinary that physicians should object to prescribing for a fourfooted sufferer. Some of them, how-ever, do feel "above it," and either refuse altogether, or perform the service under majestic protest. The Pall Mall Budget tells the story of a French doctor and a painter's wife. The doctor's name does not appear, but the painter was Meissonier. One day Mme. Meissonier sent for the family physician. and he hurried to the house, thinking some illness had overtaken the artist. It was not the master of the house. however; it was only the lap dog.

The doctor pocketed his pride and most zealously attended the patient, who soon recovered. At the end of the year he sent in his bill, but among the items there was none for attendance on a dog. Mmc. Meissonier noticed the omission, and called the physician's attention to it.

"You must charge for that, also," said she. "I insist upon it."
"By no means," was the reply. "I

am not a veterinary surgeon. I was very glad to do the dog a service, but really I can't be paid for it." "But I insist upon it!" said the lady.
"Well, then," returned the doctor, "as the hinges of my gate are some-what rusty, M. Meissonier may bring his brush and paint them for me But as every grain of paint from Meissonier's brush was worth more than its weight in gold, the hint was

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Application for a Patent No. 974.

No. 974.

UNITED STATUS LAND OFFICE.
EURCHA, Nevada, July 8, 1891.

NOTICE IS HEREBY GIVEN THAT FIRE
Ploche Consolidated Mining and Reduction Company, by its authorized agent, Samuel
T. Godbe, whose postoffice address is Picche,
Lincoln county, State of Nevada, has this day
filed Fis application for one thousand four
hundred and eighty-eight (1488) linear feet of
the "Essential" mine or lode bearing sliver,
wi h surface ground two hundred (200) feet in
width situated in Ely Mining District, County
of Lincoln, State of Nevada, and designated by
the field notes and official plat on file in this
office as lot No. 44 in township No. 1, N range
off E of Mount Diable Base and Meridian; said
lot No. 44 being described as follows, to-wit:
Beginning at a post marked Post No. 1 U S
survey No. 44, whence the mouth of the Horgan tunnel bears N. 70 degrees 39 minutes, E
600 feet, and thence running, 1st course, S 29
degrees 46 minutes, W 291 test to post No. 2 U S
survey No. 44; thence, 2nd course, N 84 degrees
is minutes E 1685 feet to post No. 2 U S
survey No. 44; thence, 2nd course, N 84 degrees
is minutes E 1808 feet; thence, 5rd course, N 29
degrees at Minimal Monument bears S
degrees 40 minutes, W 509, 2 feet and the
section cortar common to sections 20, 21, 28
and 29, 70 1 N R 67 E, bears S 19 degrees 50
minutes, E 1908 8 feet; thence, 5rd course, N 29
degrees 40 minutes, E to post No. 4 U S
survey
No. 44; thence 8 84 degrees 85 minutes W to post
No. 1, at the place of beginning.

Courses expressed from the true meridian
with a magnetic variation of 15 degrees and 55
minutes east.

The nearest known locations are the Sunshipe, War Esgle and Abe Lincoln lock with-

with a magnetic variation of 15 degrees and 55 minutes east.

The nearest known locations are the Sunshine, War Engle and Abe Lincoln lode mining claims.

Any and all persons claiming adversely an portion of said Essential mine or surface ground are required to flet their adverse claim with the Register of the United States Land Office at Eureka, in the State of Nevada, during the period of publication hereof, or they will be barred by virtue of the provision of the statute.

J. P. DUNKLE, Register.

It is hereby ordered that the foregoing no-tice of application for patent be published in the Ploche RECCED, a weekly newspaper pub-lished at Pioche, Lincoln county, Revada, for the period of sixy days (ten consecutive weeks.

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PIOCHE LODGE NO. 26. THE REGULAR MEETINGS OF Ploche Lodge No. 26, A. O. U. W., are held in Odd Fellow's Hall every Wednesday evening the monoting at 7:30 o'clock visiting brothers cordially

P. & A. M.

ST. JOHN'S LODGE NO. 18. MEETS THE FOURTH SATURDAY
n each month at Masonic Hall, on accur street. All visiting Brothers in good standing are invited to at-GEO. T. Bryss, Secretary.

C. A. SNOW & CO.

Application for a Patent

United States Land Oresco.

Enreks, Nevada, Adquis 18, 1871.

NOTICE IS HEREBY GIVEN THAT THE Ploche Consolidated Mining and Reduction Company, by its authorised Agent, Samuel T. Godbe, whose post-office address is Pioche, Lincoln county, State of Nevada, has this day lied application for fifteen hundred (1809) feet of the Scipio vein, lode or deposit bearing silver, together with surface ground two hundred (200) feet in width for the son venient working thereof, situated in Riy Mining District, County of Lincoln and Sinte of Nevada, and designated by the field soless and official plat on file in this office, as Lot 30, Township No. 1 north of range No. 37 cast, Mount Jiable Base and Meridian. The exterior boundaries of said lot No. 30 being as follows to-wit:

Beginning at a post marked No. 1, E. 8. Sec.

J. P. DUNKLE, Register